



THE TWENTY-NINTH
ANNUAL REPORT
ON THE
Sanitary Condition
OF
ABERGAVENNY
RURAL SANITARY DISTRICT,
WITH
STATISTICAL TABLES,
*PREPARED FOR THE RURAL SANITARY AUTHORITY BY
THEIR MEDICAL OFFICER,*
ELMES Y. STEELE,
L.R.C.P., & L.R.C.S., Edin.

1901.

ABERGAVENNY:
M. MORGAN, STEAM PRINTER, "CHRONICLE" OFFICE, FROGMORE ST.

1902.

THE TWENTY-NINTH
ANNUAL REPORT
ON THE
Sanitary Condition
OF
ABERGAVENNY
RURAL SANITARY DISTRICT,
WITH
STATISTICAL TABLES,
*PREPARED FOR THE RURAL SANITARY AUTHORITY BY
THEIR MEDICAL OFFICER,*
ELMES Y. STEELE,
L.R.C.P., & L.R.C.S., Edin.

1901.

ABERGAVENNY:
M. MORGAN, STEAM PRINTER, "CHRONICLE" OFFICE, FROGMORE ST.

1902.

ABERGAVENNY

Rural District Council.

////////////////////

ANNUAL REPORT FOR 1901.

////////////////////

FEBRUARY, 1902.

GENTLEMEN.—

I have the honor of placing before you the Report of the Abergavenny Rural Sanitary District for 1901.

The estimate of the population for this District has been, like most others in the country, considerably over-estimated. The population, according to the Census for 1901, is 8,637; excluding the Asylum the net population is 7,451. This correction will falsify, to some extent, the rates, including, of course, the death-rates. But, as you have necessarily always judged the rate by comparison with that of other places, you will not find anything to disappoint you, as in all, or nearly all, Districts over the country the population has been exaggerated in a greater degree than in our own.

The Area of the District in acres is 64,565.

The total number Births during the year was 206, net 204. The birth-rate (net) was 27·3. There were 105 male and 101 female births.

The total number of Deaths registered for the District at all ages was 198; the net deaths being 117, which is the lowest since the year 1898, the net death-rate being 15·7. The death-rate of infant mortality per thousand (net) was 53·9—the lowest for ten years.

The ages at which deaths occurred were:—Under one year, 11; one and under five years, 10; five and under fifteen, 3; fifteen and under twenty-five, 2; twenty-five and under sixty-five, 40; sixty-five and upwards, 45. There were 88 deaths in Public Institutions.

Zymotic Diseases.

Under this heading two deaths were due to scarlet fever, three to diphtheria, one to croup, one to puerperal fever, three to enteritis, and four were attributed to influenza, one of these latter being under one year of age.

The zymotic death-rate was 1·3.

Diphtheria.

Eleven cases of diphtheria were notified to me during the year, these were scattered over the District, and I have little doubt that the disease is spread, in many instances, by infection from mild cases in children that have escaped the notice of those in charge of them. Several cases were proved to have been imported from other districts. Three cases were fatal.

Croup.

One death occurred from croup.

Erysipelas.

Four cases were notified during the year.

Scarlet Fever.

There were eleven cases of scarlet fever reported to me during the year. Nine of these cases occurred in the Parish of Llanvihangel Crucorney - a continuance of the epidemic that occurred there in 1900. Although two of these cases were removed to the Sanatorium, after some trouble, I am sorry to say that we were unable to prevail with the parents of others to have them removed to that place, the more so, as two of the houses infected were public-houses. I consider it regrettable that in such cases we have no power to enforce either the removal of the patient or the closing of the house. Two of these cases were fatal.

Enteric or Typhoid Fever.

Three cases were notified to me during the year. Two of these cases occurred in Govilon. None were fatal.

Puerperal Fever.

One case (fatal) occurred during the year.

Enteritis.

Three deaths are reported under this heading.

Influenza.

Four deaths were attributed to influenza.

Phthisis.

Five deaths were due to phthisis or other tubercular diseases.

Cancer.

There were six deaths from cancer.

Bronchitis and Pneumonia.

Bronchitis and pneumonia accounted for twenty deaths during the year.

Premature Birth.

There were two deaths under this heading.

Accidents.

There were two deaths from accidents.

Suicide.

There was one suicide during the year.

Schools.

The schools generally are in a fairly satisfactory condition, but the absence of a proper supply of water to several of them is, I consider, a very serious thing, and, I hope, will receive consideration from the Council. There have been slight epidemics of chicken-pox and whooping-cough, and children have been excluded from school when it was considered necessary.

Water.

Several parts of our District are still, as you are no doubt aware, without a proper supply of water. Some little progress has been made, notably in Govilon, but in other places the schemes have been allowed either to fall through or, at any rate, to remain in abeyance. I hope, gentlemen, to receive from you all the support you can give me in this most important matter.

I append the rainfall for the year in this District, again kindly supplied to me by Dr. Glendinning. It is 32.59, nearly one-fourth below that of last year, and some two inches below the average of the last ten years.

RAINFALL IN 1901,

At Larchfield, Abergavenny, in the County of Monmouth.

Rain Gauge { Diameter of Funnel, 5 inches.
Height of Top { Above Ground, 1 foot.
Above Sea Level, 240 feet.

Month.	Total depth.	Greatest fall in 24 hours.		Number of days on which 0·1 or more fell.
	Inches.	Depth.	Date.	
January	3·28	·77	18th	20
February	1·68	·80	26th	8
March	3·97	1·56	29th	13
April.. .. .	4·27	·71	11th	15
May	1·14	·56	30th	10
June	1·89	·47	20th	10
July	2·22	·84	24th	8
August	2·11	·46	14th	13
September	3·05	·66	7th	16
October	2·17	·68	17th	13
November	1·45	·58	11th	7
December	5·36	·91	23rd	19
Total .. .	32·59			152

I am, Gentlemen,

Your obedient Servant,

ELMES Y. STEELE.

TABLE I.

Abergavenny Rural District.**Vital Statistics of whole District during 1901
and previous Years.**

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents Registered in Public Institutions in the District.	Deaths of Residents Registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Number.	Rate.*	under One year of age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1,000 Births Registered.	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1891	9701	170	19.3	21	123.5	218	22.4	76	76	7	149	16.9
1892	9797	181	20.6	21	116.0	192	19.5	87	85	7	114	12.9
1893	9820	171	19.4	14	81.8	216	21.9	76	74	5	147	16.7
1894	9802	173	19.8	11	63.5	168	17.0	71	71	7	104	11.8
1895	10381	189	20.0	23	121.6	181	17.4	77	75	4	110	11.6
1896	10497	204	21.6	25	122.5	208	19.8	70	70	8	146	14.4
1897	10424	200	21.2	21	105	191	18.3	77	77	4	118	12.5
1898	10564	208	22.0	20	96.1	209	19.7	104	104	6	111	11.7
1899	10462	184	19.5	20	108.6	243	23.2	127	126	5	122	12.9
1900	10462	187	19.6	24	128.3	201	19.2	88	85	2	118	11.3
Averages for years 1891-1900	10191	186.7	20.3	20	106.6	202.7	19.8	85.9	84.3	5.5	123.9	13.3
1901	8637	206 net 204	net 27.3	11	net 53.9	198	22.9	87	86	5	117	15.7

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

Total population at all ages, 8,637, at Census of 1901.

Area of District in acres (exclusive of area covered by water), 64,565.

Table 1.—Vital Statistics, &c.—(Continued.)

1 Institutions within the District receiving sick and infirm persons from outside the District.	2 Institutions outside the District receiving sick and infirm persons from the District.	3 Other Institutions, the deaths in which have been distributed among the several localities in the District.
Monmouthshire Asylum.	Abergavenny Union Workhouse.	Sanatorium (Isolation Hospital).

TABLE II.

ABERGAVENNY RURAL DISTRICT.**Vital Statistics of Separate Localities in 1901 and previous Years.**

Names of Localities	Llandillo P. Sub-District 1				Llanvihangel C. Sub-District 2				Llanvetherine Sub-District 3				Llanarth Sub-District 4				Llanfoist Sub-District 5				Grosmont Sub-District 6			
Year.	Population estimated to middle of each year.				Population estimated to middle of each year.				Population estimated to middle of each year.				Population estimated to middle of each year.				Population estimated to middle of each year.				Population estimated to middle of each year.			
	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d
1891 ..	2751	50	36	7	1273	31	23	4	1135	18	12	3	1307	17	25	1	2499	64	39	6				
1892 ..	2751	42	21	5	1273	34	30	4	1135	19	30	3	1307	64	19	3	2499	61	25	7				
1893 ..	2751	46	37	5	1273	26	22	2	1135	13	15	1	1307	9	23	1	2499	53	43	4				
1894 ..	2751	35	25	2	1273	24	12	nil	1135	21	9	2	1307	22	17	1	2499	70	34	7				
1895 ..	2751	41	25	5	1273	27	15	4	1135	20	9	2	1307	23	25	4	2499	67	24	7	642	17	10	3
1896 ..	2751	51	27	4	1273	28	13	2	1135	22	13	nil	1307	28	28	8	2499	65	49	9	642	14	9	2
1897 ..	2751	42	16	3	1273	29	18	4	1135	16	12	2	1307	29	21	2	2499	76	42	8	642	13	9	2
1898 ..	2751	40	13	3	1273	23	14	2	1135	16	10	2	1307	27	11	1	2499	78	36	9	642	15	14	2
1899 ..	2751	41	27	7	1273	30	19	2	1135	13	4	1	1307	25	16	4	2499	67	39	5	642	18	11	1
1900 ..	2751	41	22	5	1273	19	21	3	1135	13	9	2	1307	29	18	4	2499	73	34	9	642	10	9	1
Averages of years 1891 to 1900	2751	42.9	24.9	4.6	1273	26.0	17.7	2.6	1135	17.1	11.3	1.8	1307	36.3	20.3	2.9	2499	67.4	36.5	7.1	642	14.5	10.3	1.8
1901 ..	2924	49	26	2	1003	24	17	nil	820	25	15	2	1100	24	17	2	2206	64	31	4	584	18	5	1

TABLE III.

ABERGAVENTNY RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1901.

Notifiable Disease.	Cases Notified in Whole District.							Total Cases Notified in each Locality.							No. of Cases Removed to Hospital from each Locality.						
	At all ages	At Ages—Years.						1	2	3	4	5	6	7	1	2	3	4	5	6	7
		Under 1	1 to 5	5 to 15	15 to 25	25 to 55	65 and upwards	Llandello R. Sub-District	Llanvihangel Gwernonev Sub-District	Llanvetheline Sub-District	Llanarth Sub-District	Llanfoist Sub-District	Gwernont Sub-District	Monmouth-shire Asylum	Llandello R. Sub-District	Llanvihangel Gwernonev Sub-District	Llanvetheline Sub-District	Llanarth Sub-District	Llanfoist Sub-District	Gwernont Sub-District	Monmouth-shire Asylum
Small-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	..	11	1	9	1	..	..	2	1	1	2	4	..	..	..	..	..	..	..	..	..
Membranous Croup	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ..	..	4	..	..	..	3	1	..	..	1	1	..	..	..	..	2	..	..	..	..	..
Scarlet Fever ..	..	11	3	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
Typhus Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever ..	..	3	..	1	..	2	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..
Relapsing Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever ..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	30	..	4	17	2	6	1	5	10	2	3	7	..	..	..	2	..	..	..	..	..

Isolation Hospital—Sanatorium, Llanfoist Parish.

TABLE IV.

ABERGAVENNY RURAL DISTRICT.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1901.

Causes of Death.	Deaths in or belonging to whole District at subjoined Ages.							Deaths in or belonging to Localities (at all Ages.)							Total Deaths in Public Institu- tions in the District.
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and up- wards	Llando- r R. Sub-District	Llanvabugel	Cricci- rney Sub-District	Llanvetheline Sub-District	Llanarth Sub-District	Llanfoist	Gresmont Sub-District	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Small Pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever ..	2	..	2	..	..	..	..	..	1	..	..	..	1	..	1
Whooping-Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Membranous Croup ..	3	..	..	3	..	..	..	1	1	..	..	1	..	..	1
Croup	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..
Fever .. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" " Enteric ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" " (Other continued) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic Influenza ..	4	1	1	..	..	..	2	3	..	1	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis	3	1	..	..	..	..	2	..	..	..	1	2	..	..	..
Puerperal Fever ..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phtisis	4	1	..	..	..	1	3	..	2	..	..	..	..	..	7
Other Tubercular Diseases ..	1	1	..	..	..	..	..	..	..	..	..	1	..	..	2
Cancer, Malignant Diseases ..	6	..	..	..	..	..	6	1	1	2	2	..	..	..	1
Bronchitis	7	..	..	..	..	2	4	2	2	1	..	1	..	..	3
Pneumonia	14	4	5	..	1	6	1	3	2	3	3	3	..	..	8
Pleurisy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Respiratory Organs ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism, Cirrhosis of Liver ..	3	..	..	..	..	3	..	1	2	..	..	..	..	..	1
Veneral Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature Birth	2	2	..	..	..	..	..	..	..	..	1	1	..	..	..
Diseases and Accidents of Parturition ..	1	..	..	..	..	1	..	..	..	..	..	1	..	..	..
Heart Diseases	12	..	..	..	..	11	1	2	1	2	2	4	1	..	19
Accidents	..	..	..	..	..	..	2	..	..	1	..	..	1	..	1
Suicides	1	..	..	..	..	1	..	..	..	..	..	1	..	..	..
All other Causes	45	5	1	..	..	12	27	11	5	6	7	13	3	..	44
All Causes	111	11	10	3	2	40	45	25	17	16	16	32	5	..	88

